

Title (en)

METHOD AND APPARATUS FOR CUTTING AND WRAPPING A BELT-LIKE MEMBER AROUND A DRUM

Publication

EP 0447273 A3 19920506 (EN)

Application

EP 91302327 A 19910318

Priority

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- JP 8915690 A 19900405

Abstract (en)

[origin: EP0447273A2] Upon feeding a belt-like member (22) cut into a fixed length on a conveyor (5) by means of a cutter (40) to a drum (1) by means of the conveyor (5) and wrapping it around the circumferential surface of the drum (1), the cut length of the belt-like member (22) is set to be somewhat shorter than the circumferential length of the drum (1). At the time of wrapping, the belt-like member (22) is stretched by a predetermined amount to make its leading and trailing ends coincide with each other after the completion of wrapping. The belt-like member (22) is cut by making the cutter (40) travel along a predetermined straight reference line of travel. The configuration of the lines of cut at the leading end and at the trailing end are measured, and also a straight line approximating the line of cut, the inclination angle of the approximating straight line with respect to the predetermined straight reference line of travel, and the amount of deviation from the predetermined straight reference line of travel at respective points on the line of cut are obtained. The direction of the cut trailing end and/or the cut leading end are corrected on the basis of the obtained inclination angle (θ) so as to coincide with each other, the belt-like member (22) is held and set on the conveyor (5), and the amount of stretching of the belt-like member (22) upon wrapping is corrected on the basis of the obtained amounts of deviation. <IMAGE>

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B26D 1/18

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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